

Remarks

Claims 1-17 & 19-20 are at issue. Claims 1-4, 7-10 & 12-18 stand rejected 35 USC 102(e) as being anticipated by Fukushi et al (USPN 6,836,426). Claims 5, 6, 19 & 20 are allowable.

Claim 1 requires the cross coupled latch be coupled to the output of the transmission gate. The Examiner states that the transmission gate in Fukushi is elements N7 & N8. The cross coupled latch is elements P4, P5, N4, N5. The output of the transmission gate is OUTX. This is not coupled to the cross coupled latch. Claim 1 also requires a reference generating circuit. The Examiner points to elements 2-5 & 7 of the Fukushi. First of all a pre-sense amplifier 2 & 3 is an amplifier not a reference generating circuit. Second the output of element 7 is not coupled through a second transmission gate N6 & P6. The output of element 3 is not coupled through a second transmission gate. Elements 2 & 3 have different outputs and do not combine to create a reference generating circuit. Claim 1 is clearly allowable over the prior art.

Claims 2-4 & 7-8 are allowable as being dependent upon an allowable base claim

Claim 9 requires the latch be coupled to the output of the transmission gate. The Examiner states that the transmission gate in Fukushi is elements N7 & N8. The latch is elements P4, P5, N4, N5. The output of the transmission gate is OUTX. This is not coupled to the latch. Claim 9 also requires a reference input to the latch. The Examiner points to elements 2-5 & 7 of the Fukushi. First of all a pre-sense amplifier 2 & 3 is an amplifier not a reference generating circuit. Second the output of element 7 is not coupled through a second transmission gate N6 & P6. The output of element 3 is not coupled through a second transmission gate. Elements 2 & 3 have different outputs and do not combine to create a reference generating circuit. Claim 9 is clearly allowable over the prior art.

Claims 10-13 & 16-17 are allowable as being dependent upon an allowable base claim.


Claim 14 requires a reference circuit. The Examiner points to elements 2-5 & 7 of the Fukushi. The pre-sense amplifiers 2 & 3 are amplifiers not a reference generating circuit. Claim 14 is clearly allowable over the prior art.

Claim 15 requires a reference generating circuit. The Examiner points to elements 2-5 & 7 of the Fukushi. First of all pre-sense amplifiers 2 & 3 are an amplifiers not a reference generating circuit. Second the output of element 7 is not coupled through a transmission gate N6 & P6. The output of element 3 is not coupled though a second transmission gate. Elements 2 & 3 have different outputs and do not combine to create a reference generating circuit. Claim 15 is clearly allowable over the prior art.

Prompt reconsideration and allowance are respectfully requested.

Respectfully submitted,

(Muscaluk)

By 

Attorney for the Applicant

Dale B. Halling

Phone: (719) 447-1990

Fax: (719) 447-9815

Reg. No.: 38,170

Customer No.: 25,0007

I hereby certify that an Response is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, P.O. Box 1450 Alexandria, VA 22313-1450, on:

8/9/05
Date


Signature (Dale Halling)